

Work Order ID 51502

August 25, 2009 1:33:51 PM



Page 1

Item ID: D205-523-023

Accept



Setup Start



Revision ID: O

Stop



Item Name: 300 Hour Inspection

Start Date: 8/24/09 Start Qty: 2.00



Cust Item ID:

Required Date: 8/31/09 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: *[Signature]*

Date: *09-08-25* Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN D205-523

Rev O

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Type labels per PPP D205-523-023

CHG 001

S 08/09/16

for BG 09/09/16

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

P 09/09/16 (2)

120

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

3 S 09/09/16

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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QC:

Date:

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Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

0.00



Packaging

Packaging

Memo

0.00

Identify and pack for shipping as per PPP D205-523-023

Location:

PPP Rev: DRAFT

Per 8/26/09

140

0.00



QC21- Final Inspection - Work Order Release

QC

Memo

0.00

Quality Control

09/09/09
BR 09-9-14

Dart Aerospace Ltd

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Picklist Print

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Work Order ID: 51502

Parent Item: D205-523-023RevO

Parent Item Name: 300 Hour Inspection

Comments:

Start Date: 8/24/09

Required Date: 8/31/09

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
S +2 D3012-5RevA 20 Decal		Manufactured	No			110	Each	12.0000	4.0000			

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

12

50173

2

50854

10

110

Each

117.0000

8.0000

ANS-14A 4X

Purchased

No



Bolt

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

117

104547

2

106166

8

112243

7

112411

30 -

112467

20

112489

50 -

ANS-13A Bolt

Per 0529301

112492 SL

M112243 6X NEGATIVE
M112467 2X

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Shop Packet Print

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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Parent Item Name: 300 Hour Inspection

Comments:

Start Date: 8/24/09

Required Date: 8/31/09

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JDS16		Purchased	No			110	Each	1,346.000	16.0000			

8 
Washer

8/29/10 (1)

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST	1346	
100564	2	
106167	6	
107534	34	
107959	43	
108246	46	
108672	2	
109059	49	
109752	22	
110363	46	
110523	57	
111279	43	
112082	496	
112314	500	

Q

M112082

MS21042L5 
Nut

Purchased No

110 Each 1,410.000 8.0000

8/29/10 (2)

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST	1410	
110382	10	
111636	400	
112314	1000	

M111636
AA112314

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25.4 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D205-523-013	3.5 lb 1.59 kg	±34.5 in ±0.876 m	±120.75 in-lb ±1.39 m-kg	116.8 in 2.97 m	408.8 in-lb 4.72 m-kg

25.5 PARTS LIST

-013	-023	-043	Part No.	Description
X			D205-523-013	HELI-RAPPEL™ INSTALLATION
	X		D205-523-023	300 HOUR INSPECTION KIT
1		X	D205-523-043	SLIDE BAR ASSEMBLY
		1	D3011-1	RAPPEL SLIDE BAR
		2	33116	STUD FITTING
	2	2	MS21042L6	NUT (OR MS21042-6)
	2	2	AN960JD616	WASHER
	2	2	D3012-1	DECAL
	2	2	D3012-3	DECAL
	2	2	D3012-5	DECAL
1			D2224	RAPPEL ANCHOR
2			D2229	DOUBLER
4	4		AN5-14A	BOLT
8	8		AN960JD516	WASHER
4	4		MS21042L5	NUT (OR MS21042-5)

51502

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DART

DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>##</i>	APPROVED <i>##</i>	DRAWING NO. DSI 9301	REV. A SHEET 1 OF 1
DATE 05.05.11		TITLE RAPPEL ANCHOR INSTALLATION	SCALE NTS
A	05.05.11	NEW ISSUE	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D205-523 REV. F

REF. CANADIAN STC: SH96-90 ISSUE 3

REF. FAA STC: SR00511NY, SR00512NY, SR00513NY

It has come to DART's attention that in general, AN5-13A bolts are a more suitable length for installation of the D2224 Rappel Anchor (ref) in place of the AN5-14A bolts referred to in D205-523 Rev.F.

It is acceptable to install the D2224 Rappel Anchor (ref) using longer or shorter AN5 bolts as needed to suit the thickness of the rotorcraft's ceiling panel. It is acceptable to use a light AN960JD516L washer under the head of the bolt instead of an AN960JD516 washer per D205-523 Rev. F. However, to preserve the structural integrity of the system, the washer under the MS21042L5 nut must remain an AN960JD516 washer.

For all cases, ensure the bolts properly secure the D2224 Rappel Anchor (ref) to the rotorcraft's ceiling and each bolt has at least 2 threads in safety.

51502

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *D. Shepherd*
D. SHEPHERD (DE # 02)

DATE: 05.05.11
CERT. NO.: SH96-90
ISSUE NO.: 3

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